

INTERNATIONAL SEARCH REPORT

International application No

PCT/JP2006/305751

A. CLASSIFICATION OF SUBJECT MATTER
INV. F04B39/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/099617 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; KOBAYASHI, MASANORI) 18 November 2004 (2004-11-18) figure 6	1,5
X	US 5 496 156 A (HARPER ET AL) 5 March 1996 (1996-03-05) cited in the application figure 1	1,5
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 341 (M-1629), 28 June 1994 (1994-06-28) & JP 06 081769 A (SANYO ELECTRIC CO LTD), 22 March 1994 (1994-03-22) abstract	1



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

3 August 2006

Date of mailing of the international search report

09.08.06

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) & JP 2000 130328 A (MATSUSHITA REFRIG CO LTD), 12 May 2000 (2000-05-12) abstract</p> <p>-----</p>	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2006/305751

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004099617	A	18-11-2004	EP 1541868 A1	15-06-2005
			JP 2004360686 A	24-12-2004
			US 2006039808 A1	23-02-2006

US 5496156	A	05-03-1996	BR 9504125 A	06-08-1996
			CA 2158483 A1	23-03-1996
			FR 2724984 A1	29-03-1996

JP 06081769	A	22-03-1994	JP 3118329 B2	18-12-2000

JP 2000130328	A	12-05-2000	NONE	
